

# MATERIAL SAFETY DATA SHEET

Commercial product name Desert Waterless Microbial Urinal Cubes

Classified as non hazardous according to the criteria of Worksafe Australia.

## 1. COMPANY DETAILS

Envirocare Systems Pty Ltd

Unit 3 / 5 Carney Road, Welshpool WA 6106

Phone: (08) 9451-1165. Emergency Number: 0419 880 336

## 2. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

Commercial product name: *Desert Waterless Microbial Urinal Cubes*

Other Names : Ecobug 3c

Manufacturers Product Code : None

UN Number : None Assigned

Dangerous Goods Class : Not Applicable

Hazchem Code: Not Applicable

Poisons Schedule Number Not Applicable

Symbol: Xi

R36/38: Irritating to eyes and skin

## 3. USE

Microbial treatment to remove and prevent uric scale build up on urinal surfaces and within the urinal pipe work.

Used by placing one cube every 60cm of urinal or per single porcelain urinal. Cubes should be replaced once they have dissolved.

## 4. PHYSICAL DESCRIPTION/ PROPERTIES

Appearance Solid Green Cubes

Odour Citrus Fragrance

Boiling Point / Melting Point > 100 degrees Centigrade / 60 degrees Centigrade

Vapour Pressure Not Applicable

Specific Gravity Not Applicable

Flashpoint Not Applicable

Flammability Limits Not Applicable

Solubility in Water Slow dissolving

## 5. OTHER PROPERTIES

Stock Sensitivity May cause skin irritation if exposure is prolonged. May irritate the eyes

Corrosiveness None Corrosive

Oxidising Properties None

Reactivity with common Substances May react with strong oxidants and acids

Auto ignition temperature None

Evaporative Rate Not Applicable

Vapour Density Not Applicable

Odour Threshold Not Applicable

PH 5% w/w solution in water: 5-7

Solubility in organic solvents Not Applicable

Per cent volatiles Not Applicable

Volatile organic compounds None

Bulk Density 1.22 g/cm3

## 6. INGREDIENTS

Chemical characterisation of active component: Solid, slow dissolving block containing bacteria, biodegradable surfactants, dye and fragrance.

Chemical Name Mixture of alkylolamide and alcohol ethoxylates

CAS Number Not applicable, product is a preparation

Proportion Not Applicable

Synonyms None

## 7. HEALTH HAZARD INFORMATION

### Health Effects

Acute: Acute oral toxicity LD50 (rat) > 5,000 mg/Kg

Swallowed: May cause some irritation to the mouth and upper digestive tract

Eye: May irritate the eyes

Skin: May cause skin irritation especially if prolonged exposure is likely

Inhaled: Not applicable

Chronic: No chronic effects known

### First Aid

For advice contact Poisons Information Centre (Australia phone 131 126)

Skin contact: Wash skin with soapy water.

Eye contact: Wash out eye thoroughly with plenty of clean water.

Ingestion: Wash out mouth. Do not induce vomiting.

Inhalation: Not applicable.

If any symptoms persist: Consult a doctor.

### Advice to doctor

May cause nausea. No toxic effect expected. May cause irritation of the mouth and upper digestive tract.

Desert Waterless Microbial Urinal Cubes

## 8. PRECAUTIONS FOR USE

Exposure Standards:	Not Applicable
Engineering Controls:	Not Applicable
Process Modification:	Not Applicable
Segregation of processes from personnel:	Not Applicable
Vessel containment controls:	Not Applicable
Enclosure of sources of substances:	Not Applicable
Mechanical Handling:	Not Applicable
Dilution ventilation:	Not Applicable

### ***Personal Protection***

Respirator Type:	Not Applicable
Glove Type:	Impervious Gloves
Eye Protection :	Not Applicable
Clothing:	Not Applicable

### ***Flammability***

Fire Hazards:	Material is non flammable, but involved in a fire could give off fumes of carbon dioxide, carbon monoxide and oxides of nitrogen
Non-suitable media:	None
Special exposure hazards:	In the event of fire, self contained breathing apparatus should be worn.

## 9. SAFE HANDLING INFORMATION

### ***Storage and transport***

Location:	Not Applicable
Fire Separation Distances:	Not Applicable
Type of Flooring:	Not Applicable
Bunding	Not Applicable
Security	Not Applicable
Ventilation	Not Applicable
Temperature Conditions	Store in a cool dry place. Avoid extremes of temperature
Protection from weather, sunlight	Store away from direct sunlight
Type of container	Store in container provided
Dangerous Goods Class	None
State / Territory transport requirements	Not Applicable
Special transport requirements	Not Applicable
Conditions to avoid:	Extremes of temperature
Materials to avoid:	Strong Acids & Biocides
Stability	The material is stable under normal conditions of use

### ***Spills and Disposal***

Minimising Spills / Leaks	Wear impervious gloves/overalls and eye protection when clearing up spillage. Place into plastic barrels for disposal.
Clean up spills / leaks	Sweep up product and dispose of in accordance with local authority regulations.Flush area with water.
Precautions for clean up crew	Wear suitable protective clothing
Special Equipment for clean up crew	Impervious gloves
Disposal Containers	Sealed plastic containers
Disposal Method	Dispose of in accordance with local authority regulations
Incineration / Landfill conditions	Dispose of in accordance with local authority regulations

### ***Fire / explosion hazard***

Hazards of use / storage	None, provided good house keeping procedures are adopted
List of Dangerous decomposition or combustion products:	Not Applicable
Fire Fighting Recommendations	Use powder, sand or water spray
Precautions	None
Protective Clothing	Use self-contained breathing apparatus
Reactivity	Not Applicable
Hazchem Code	Not Applicable
Hazardous decomposition products:	Decomposition may occur above boiling point with the possible release of fumes of carbon dioxide, carbon monoxide and oxides of nitrogen

## Other Information

The product is formulated and manufactured to cause minimal environmental impact. The product is believed not to be dangerous to the environment with respect to mobility, persistency and degradability, bioaccumulative potential, aquatic toxicity and other data relating to ecotoxicity.

The bacteria in the product are EEC Class 1, naturally occurring and generally regarded as safe. Prolonged skin contact may cause minor irritation. Product may cause irritation to eyes.

### **Contact Point**

Contact:	Brian Burrell
Title:	Managing Director
Phone:	(08) 9451-1165

The information contained in this Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy of completeness of this information and any recommendations or suggestions, are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this product.